

ABSTRACT

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5 A system and method for guiding fish that migrate is provided. A preferred embodiment is affixed to a dam having intakes that: a) generate hydroelectric power and b) serve as a natural hydraulic cue for fish that, once attracted to the intake, are converted to pet food. A device resembling an oversize kitchen exhaust fan hood, with extension, is affixed adjacent the upstream side of a stream barrier that otherwise precludes fish from safely passing. The device simulates a naturally occurring hydraulic cue that fish use to migrate and may be used to defeat competing detrimental hydraulic cues. Also provided are embodiments to enable adjustment of the device to meet changing hydraulic

10 conditions; to preclude the accidental provision of competing negative cues or stimuli; and to complement the simulated natural hydraulic cue provided by the device through using stimuli such as light, sound or combinations thereof.